

IRON OXIDE BLACK 318

Product description

IRON OXIDE BLACK 318 is a fine powder in bright red color. It has excellent properties like strong light, heat, acid, and alkali resistance, as well as good anti-rust ability. With high tinting and covering power, it's widely used in construction, coatings, plastics, rubber and many other fields.

Properties

| | |
|-------------------|------------------------------------|
| Molecular formula | Fe ₃ O ₄ |
| Molecular weight | 231.53 |
| Delivery form | Powder |
| Color Index | CI pigment black 11/ INCI CI 77499 |
| Cas. No. | 1317-61-9 |

Typical properties

| | |
|---|----------|
| Content (Fe ₂ O ₃) % | 90 Min. |
| Water soluble substances % | 0.5 Max. |
| Moisture at 105 °C % | 1.0 Max. |
| Oil absorption [ml/100g] | 15-25 |
| Sieve residue 325mesh | 0.3 Max. |
| Density [g/cm ³] | 5.17 |
| Color ΔE | 0.8 Max. |
| Tinting strength % | 95-105 |
| pH value | 3-7 |

These properties are typical but should not be considered specifications. For detailed specification rates please consult the product Certificate of Analysis.

Package and storage

IRON OXIDE BLACK 318 is packed in 25kg paper bag net. Supplied 48 Bags (1200kg) on pallets each. IRON OXIDE BLACK 318 is non-perishable powder.

It is recommended to use the product in rotation on a first-in-first-out basis. The product should be stored in dry and clean conditions in its original packing and away from heat.